## What is claimed is:

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1. A method of controlling the intensity of a backlight included in a display device which also includes a screen and a first photo-sensor, the method comprising the steps of:

using said photo-sensor to detect the intensity of light incident on a first surface of the display device; and

adjusting the amount of power supplied to the backlight as a function of the detected light intensity.

The method of claim 1, further comprising the step of:

periodically repeating the step of adjusting the amount of power.

- 3. The method of claim 2, wherein the step of periodically repeating the step of adjusting the amount of power is performed automatically by the display device without user intervention.
- 1 4. The method of claim 3, wherein the screen is a transmissive liquid crystal display screen.
- 5. The method of claim 1, further comprising the step of:
- receiving a brightness setting signal indicative of a user selected brightness level; and

wherein the step of adjusting the amount of power supplied to the backlight is also performed as a function of the received brightness setting signal.

6. The method of claim 5, wherein the first photo sensor is a front photo sensor, wherein the first surface is a front viewing surface of the display device; and wherein the display device further includes a rear photo-sensor, the method further comprising the steps of:

using the second/photo-sensor to detect the intensity of light incident on a rear portion of the display device; and

wherein the step of adjusting the amount of power supplied to the backlight is also performed as a function of the detected intensity of light incident on the rear portion of the display device.

7. The method of claim 5, wherein the display screen is a transmissive display panel, the display device further including a second photo-sensor mounted between the backlight and a rear surface of the display panel, the method further comprising the step of:

using the second photo-sensor to determine the intensity of light incident on the rear surface of the display panel; and

wherein the step of adjusting the amount of power supplied to the backlight is also performed as a function of the detected intensity of light incident on the rear surface of the display panel.

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1 8 A method of controlling the intensity of a backlight
2 included in a display device which also includes a screen
3 and a rear photo-sensor, the method comprising the steps
4 of:
5 using the rear photo-sensor to detect the
6 intensity of light incident on a rear portion of the

adjusting the amount of power supplied to the backlight as a function of the detected light intensity.

9. The method of claim 8, further comprising the step of:

periodically repeating the step of adjusting the amount of power.

10. The method of claim 9, further comprising the step of:

receiving a brightness setting signal indicative of a user selected brightness level; and wherein the step of adjusting the amount of power supplied to the backlight is also performed as a function of the received brightness setting signal.

- 11. The method of claim 10, wherein multiple user selectable brightness settings are supported, one of the brightness settings requiring less power than the other supported brightness settings.
- 12. The method of claim 10, wherein the step of periodically repeating the step of adjusting the amount

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display device; and

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of power is performed automatically by the display device without user intervention

13. A display device, comprising:

- a display panel;
- a backlight positioned behind the display

panel;

a first photo-sensor for determining the intensity of light impinging on a first portion of the display panel; and

a backlight intensity control circuit for controlling the intensity of the backlight as a function of the determined intensity of light impinging on the first portion of the display panel.

- 14. The display device of claim 13, wherein the first portion of the display panel is a front portion; and wherein the display panel includes a display screen and a housing for mounting the display screen.
- 1 15. The display device of claim 14, wherein the display screen includes a liquid crystal cell.
- 1 16. The display device of claim 15, wherein the first
- 2 photo-sensor is mounted on a front portion of the
- 3 housing.
- 1 17. The display device of claim 14, further comprising:
- a user accessible brightness control coupled to
- 3 the backlight intensity control circuit.

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The display device of claim 14, further comprising: 1 18. a second photo-sensor, coupled to the backlight 2 intensity control circuit, for determining the intensity 3 · of light impinging on a second portion of the display 4 5 panel. The display device of claim 18, wherein the second 1 portion of the display panel is a rear portion and 2 wherein the rear photo-sensor is mounted on a rear 3 portion of the housing. The display device of claim 13, wherein the 20. intensity control module includes means for automatically adjusting, on a periodic basis, backlight intensity. A display device, comprising: 1 a display panel; 2 a backlight positioned behind the display panel; 5 a rear photo-sensor for determining the intensity of light impinging on a rear portion of the 6 display panel; and 7 a backlight intensity control circuit for 8 controlling the intensity of the backlight as a function 9 of the determined intensity of light impinging on the 10 rear portion of the display panel. 11 The display device of claim 21, wherein the 22. 1 intensity contrøl module includes means for automatically 2

adjusting, on /a periodic basis, backlight intensity.

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A portable computer device, comprising: a display panel; a backlight positioned behind the display panel; a front photo-sensor for determining the intensity of light imp/nging on a front portion of the 7 display panel; a backlight intensity control circuit for 8 controlling the intensity of the backlight as a function 9 of the determined intensity of light impinging on the 10 front portion of the display panel; and a base portion, including a keyboard and a ∰ 13 central processing unit, connected to the display panel. UT The portable computer device of claim 23, wherein 24. **f**] 1 2 the display panel includes a transmissive liquid crystal display screen and a\housing, the computer device further comprising: a hinge fon connecting the display panel to the :[].5 base portion. The portable computer device of claim 24, 25. 1 wherein the backlight intensity control 2 circuit is included in the base portion; and 3 wherein the backlight intensity control circuit 4 includes means for automatically adjusting, on a periodic 5 basis, backlight intensity. 6

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